PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction and Exercise Section of Information unless it contains a valid OMB control number.

Substitute t	for form 1449A/PTO			Complete if Known		
INFO	RMATION D	ISC	LOSURE	Application Number	09/987685	
STATEMENT BY APPLICANT				Filing Date	November 15, 2001	1
SIAI	STATEMENT BY APPLICANT			First Named Inventor	Menashe SHAHAR	
				Group Art Unit	3737	
(use as many sheets as necessary)			ecessary)	Examiner Name	SHAW, S. J.	
Sheet	1	of	1	Attorney Docket Number	SHAHAR=2	厂

			U.S. PAT	TENT DOCUMENTS	
xaminer nitials*	Cite No.1	Document Number Number-Kind Code ^{2 (Flument)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
3	Р	US-5,847,832	December 8, 1998	LISKOW et al.	
		US-			
		us-			
		US-			
		us-	***************************************		
		US-			
		US-			
		US-			PEAS
		US-			I I I I I I I I I I I I I I I I I I I
		us-			MAR 2.5 200
		us-			Z.5 20A
		US-			TECHNOLOGY CENTER.
		US-			CENTER
		US-			

		FOREIC	SN PATENT DO	CUMENTS		
		Foreign Patent Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Country Code ³ Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY	of Cited Document	Where Relevant Passages or Relevant Figures Appear	T
						T
			-			
						Г
						_
						Г
	\vdash					_
						\vdash

Examiner Signature	LQ	Date Considered	1217/04	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kind Codes of USPTO Patent Documents at www.uspto.agg/ or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.' Applicant is to place a check mark here if English language Transtation is attached.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act \$295, no persons ferequired to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 09/987685 Application Number November 15, 2001 Filing Date Menashe SHAHAR First Named Inventor 3737 Group Art Unit **Examiner Name** SHAW, S. J. SHAHAR=2 Attorney Docket Number

(use as many sheets as necessary) Sheet

> US-US-บร-US-

U.S. PATENT DOCUMENTS Document Number Number-Kind Code^{2 (FKH)} Name of Patentee or Applicant of Cited Document Publication Date Pages, Columns, Lines, Where Cite No.1 MM-DD-YYYY Relevant Passages or Relevant Examiner initlais* Figures Appear us US-US-US-US-US-US-US-US US-USus-US-

	FOREIGN PATENT DOCUMENTS							
		Foreign Patent Number Publication Date MM-DD-YYYY of Cited Document		Pages, Columns, Lines, Where Relevant Passages or				
Examiner Initials*			MIMI-UU-1111	or cited bocoment	Relevant Figures Appear	ರ್		
35	N	OE 4133493	April 16, 1992	ASAHI OPTICAL CO. LTD.	Abstract	T		
	ļ							
	<u> </u>							
	ł	l i						

	\sim				
Examiner Signature			Date Considered	12/04	
		 			_

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with Apxt communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Indeed the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known **Application Number** 09/987,685 INFORMATION DISCLOSURE Filing Date November 15, 2001 STATEMENT BY APPLICANT First Named Inventor SHAHAR, Menashe et al. **Group Art Unit** 3737 (use as many sheets as necessary) SHAW, SHAWNA JEANNINE **Examiner Name** P-3439-US Sheet of Attorney Docket Number

			U.	S. PATENT DOCU	IMENTS	
		U.S. Patent D	ocument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite, No. 1		ind Code ² f known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
55	Α	5,919,130		Monroe et al.	July 6, 1999	
7	В	5,001,556		Nakamura et al.	March 19, 1991	
	С	5,280,788		Janes et al.	January 25, 1994	
	D	6,230,044		Afanassieva et	May 8, 2001	RECEIVED
	E	6,379,920		El-Sayed et al.	April 30, 2002	
	F	5,363,839		Lankford	November 15, 1994	DEC 2 2 2003
	G	4,882,492		Schlager	November 21, 1989	TECHNOLOGY CENTER F
	Н	5,379,764		Barnes et al.	January 10, 1995	
	ı	5,582,168		Samuels, et al.	December 10, 1996	
V	J	4,273,110		Groux	June 16, 1981	~

		Foi	reignPatent Documen	Name of Patentee	Date of Publication of	of Pages, Columns, Lines,	
xaminer nitials*	Cite No. 1	Office ³	Number ⁴ (if known)	5 1 4 1 4 1	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
55	ĸ	wo	00/74556		December 14, 2000		
T	L	wo	99/66830		December 29, 1999		
	М	wo	02/039874		May 23, 2002		
T_{-}	N	DE	41 33 493		April 16, 1992		
V	0	EP	0 043 133		January 6, 1982		
	-						$^{+}$
							$\frac{1}{1}$
	<u> </u>		000				_
Examine Signatur					Date Considered)21		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chlef Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 3 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 8 Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Examiner

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

_	(us	e as ma	ny she	ets	as nece	ssary,
Sheet		2	of	2		

Complete if Known						
Application Number 09/987,685						
November 15, 2001						
SHAHAR, Menashe et al.						
3737						
SHAW, SHAWNA JEANNINE						
P-3439-US						

	NON PATENT LITERATURE DOCUMENTS	
Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
P	K .H. Norris. <i>History of NIR</i> , Journal of Near Infrared Spectroscopy (1996), Vol.	
	4, pages 31-37	
Q	Donald A Burns, Emil W. Ciuczak. <i>Handbook of Near Infrared Analysis</i> (1992),	
<u> </u>	pages 1-18.	
R	PCT Search Report	
	RECEIVED	
	DEC 2 2 2003	
	TECHNOLOGY CENTER R3700	
	-	
	P Q	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. P K .H. Norris. History of NIR, Journal of Near Infrared Spectroscopy (1996), Vol. 4, pages 31-37 Q Donald A Burns, Emil W. Ciuczak. Handbook of Near Infrared Analysis (1992), pages 1-18. R PCT Search Report RECEIVED DEC 2 2 2003

Signature	Considered 14 10°
	- · · · · · · · · · · · · · · · · · · ·
 EXAMINER: Initial if reference considered, whether or not citation is in conforman 	nce with MPEP 609. Draw line through citation if not in conformance and not

Date

considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.